

Label 1.0

Business rules and message conventions

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1. Introduction

1.1 Documentation Methodology

Figure 1 presents the documentation methodology used by Floricode to describe and develop XML standards in the floriculture industry. This document is the part of this documentation stack that bridges the gap between the generic message conventions and the abstract process descriptions. This document (*Business rules & message conventions*) contain all implementation rules.

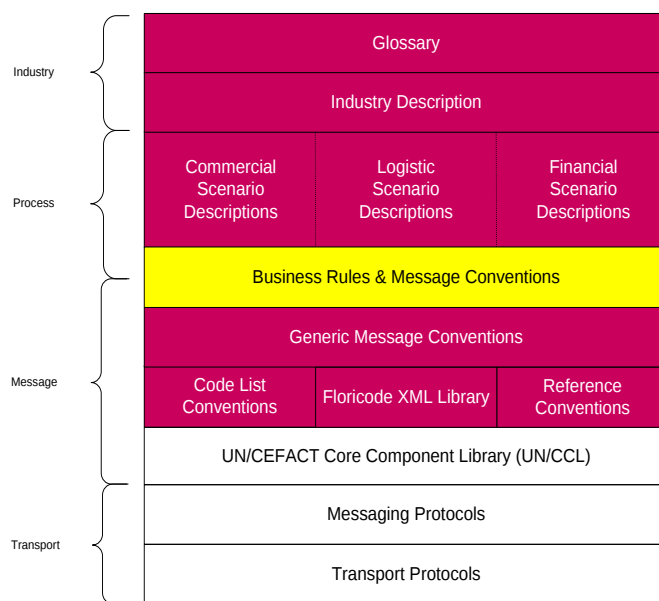


Figure 1: Documentation Methodology

2. Prerequisites

2.1 Floricode XML Documentation

The Label 1.0 is based on the Floricode XML version with identifier: **July 2012**. When additional Floricode resources are required, please use this version identifier to download the correct version of documents, schemas, WSDL's, stubs, demo's, etc.

All relevant documentation can be downloaded from the Floricode **Software Development Kit** (see: sdk.floricode.com).

2.2 Floricode Code Lists

To exchange data, standard codes (in addition to UN/ISO standard codes published and distributed by Floricode).

#	Document	Description
1.	VBN Coding lists	' <i>Florecompc2.zip</i> ', VBN product codes and related code lists. ' <i>VBN02xxxx.zip</i> ', VBN packaging codes and related code lists
2.	Floricode Coding lists (GS1 GLN codes)	' <i>FEC01xxxx.zip</i> ', Floricode GLN Company codes and related code lists. ' <i>FEC02xxxx.zip</i> ', Floricode GLN Locations codes and related code lists. ' <i>FEC03xxxx.zip</i> ', Floricode remaining code lists.

xxxx = stands for the release number of code lists dataset, example 1.0 is 0100.

All datasets listed above can be downloaded from the Floricode website. The datasets are also available via FTP. The GLN Company and Location code lists are also available as a web service.

2.3 Floricode Schema's and WSDL

All systems are connected by **web services**, a commonly used and standard technique to exchange messages between systems over the Internet. More information about authentication and security considerations are described in the Transport Documentation¹. Please note that parties provide their own web service with different end point URL's. However, all web services are based on the same abstract WSDL that can be downloaded at:

http://schemas.florecom.org/xml/services/jul2012/examples/logistics_supplier_1p3.wsdl

Tip: Use this abstract WSDL to generate your client proxy (source code). Most developer tools support the generation of source code to easily consume a web service. If you develop a server implementation, please check the Software Development Kit (see www.floricode.com) for example implementations and/or stubs with source code in several programming languages.

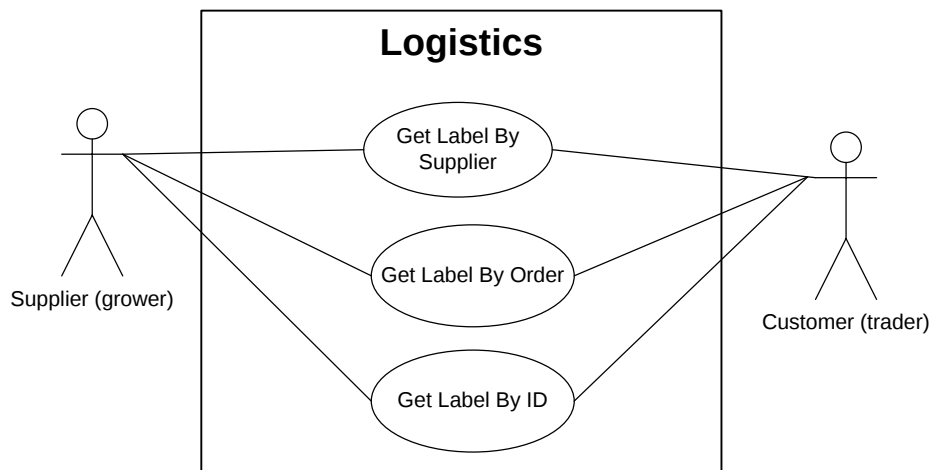
2.4 Access to Floricode Test Centre

The Floricode Test Centre (<http://testcentre.floricode.com>) is an online service that can be used to test the implementation of a Label client or server interface. All messages are tested for syntax and most business rules. Scenarios are bi-directional i.e. the Test Centre is able to simulate a label web service or is able to consume a label web service that is exposed on the Internet. When all tests are succeeded the Test Centre provides a statement of conformity (PDF-document). Access to the Floricode Test Centre is granted by Floricode. Contact Floricode (info@floricode.com) to gain access to this tool.

¹ XML Documentation, May 2012, Transport Protocols 1.6, CIL/00011, 5 June 2012

2.5 Use Cases

The Label system is part of the Logistics domain and provides three Use Cases:

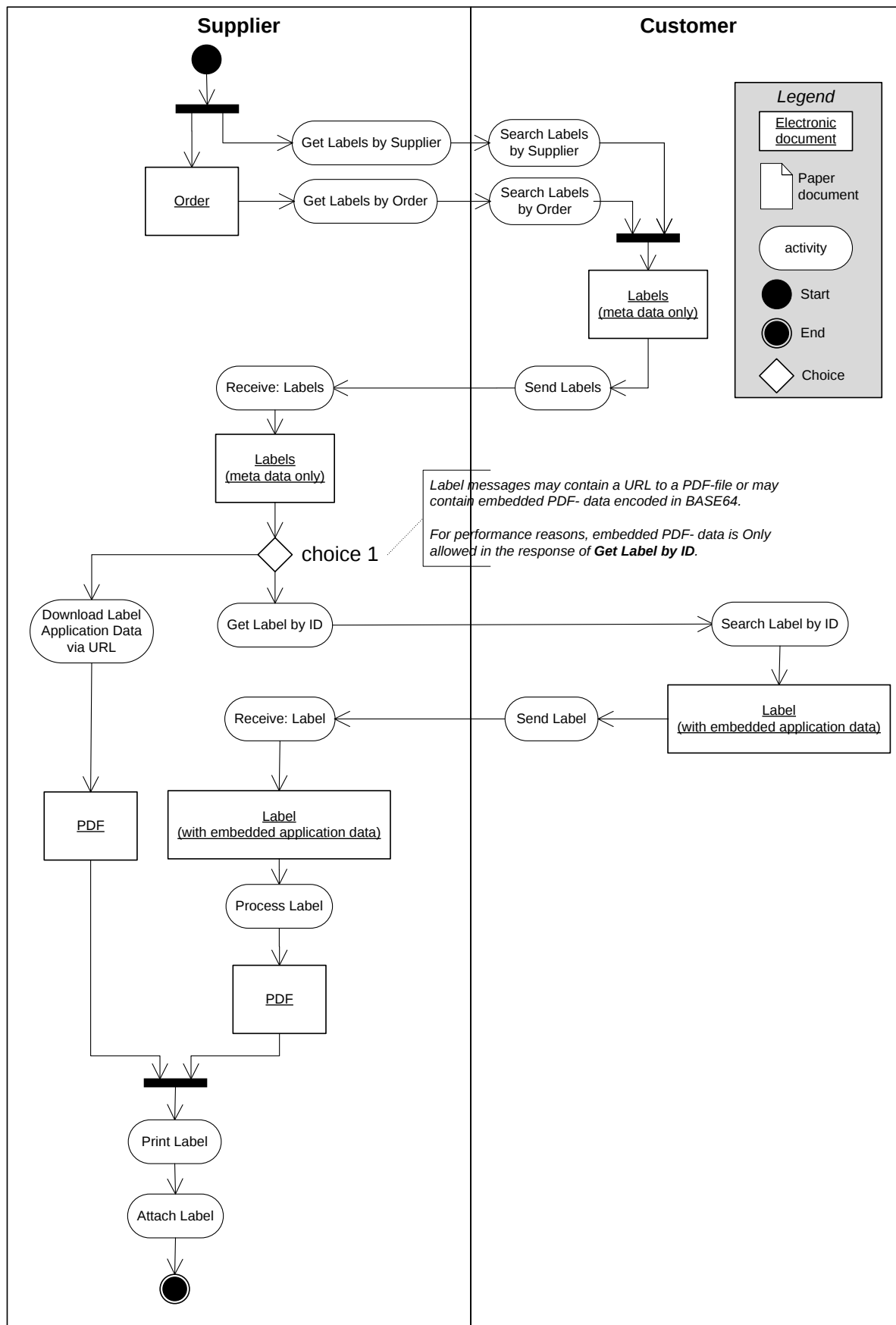


#	Use Case	Description
C1	Get Label By Supplier	Used to retrieve all labels that are provided by a customer for a specific supplier. This use case does not provide the actual PDF file, but only contains the meta-data of the labels. This use case is designed for suppliers that are not EOS compliant ² i.e. they do not support electronic orders. With the help of this use case, the software of the supplier is able to display a list of all label requests that are available.
C2	Get Label by Order	Used to retrieve all labels that are provided by a customer for a specific order ³ . This use case does not provide the actual PDF file, but only contains the meta-data of the labels. This use case is designed for suppliers that are EOS compliant i.e. they do support standard electronic orders. With the help of this use case, the software of the supplier is able to display a list of all label requests that are available for a specific order.
C3	Get Label by ID	Used to retrieve the actual PDF-file for a single label based on a Label ID (label orientation must be horizontal). The Label ID is received from use case C1 (Get Label by Supplier) or C2 (Get Label by Order).

² This use case could also be used by EOS (Elektronische Order Systematiek) compliant suppliers. In the label response the customer will provide a reference to the order (line).

³ Most customers will start the process of creating metadata and the actual PDF file after receiving an order response from the supplier. Others may start this process from the moment they have sent the order to the supplier. When the order is rejected by the supplier, it is expected that the customer will delete the metadata and PDF file of the corresponding order.

2.6 Activity Diagram



3. Requesting labels in the order process

3.1 VBN product characteristics

A request for labeling services is made by providing specific VBN product characteristics in the regular order for floricultural products. Such an order is placed via an EDIFACT (ORDERS) or XML (PutOrder) message at a market place. In case any of the VBN product characteristics: S76, L18 or L19 is included in the order, the supplier is requested to deliver and print the pot-, pan- or trolley label. In case any of the VBN product characteristics: L19, L20 or L21 is included in the order, the supplier is requested to attach the pot-, pan- or trolley label. In the default label scenarios (see § 3.5.1) the customer produces PDF label(s) which the supplier gets via the XML Label request. The supplier will deliver and print the physical/tangible label according to the customer's PDF label and provides the service of attaching the label on the pot, pan or trolley. In one of the alternative scenarios the supplier's label layout prevails and the customer provides label data such as price and order number in case printing services is requested.

Label/ Service	Description	VBN Characteristic type code	VBN Characteristic value code
Pot label	Deliver a pot label, including print services	S76 Pot label	001 Pot label customer (layout) 002 Pot label supplier (layout) 999 Other pot label
Pan label	Deliver a pot label, including print services	L18 Pan label	001 Pan label customer (layout) 002 Pan label supplier (layout) 999 Other pan label
Trolley label	Deliver a pot label, including print services	L19 Trolley label	001 Trolley label customer (layout) 002 Trolley label supplier (layout) 999 Other trolley label
Service pot label	Attach pot label	L20 Service pot label	001 Attach pot label 002 Deliver loose pot label 998 Other service pot label
Service pan label	Attach pan label	L21 Service Pan label	001 Attach pan label 002 Deliver loose pan label 998 Other service pan label
Service trolley label	Attach trolley label	L22 Service trolley label	001 Attach trolley label 002 Deliver loose trolley label 998 Other service trolley label

3.2 Labeling charges

The total charge amount for the label service of a supplier is based on a Charge Type and on the Label Type.

The Charge Types are:

Charge Type	Description
Label	Charge amount for the physical/tangible label (e.g. self-adhesive labels).
Printing	Charge amount for printing the label.
Handling	Charge amount for attaching the label on the pot, pan or trolley.

The Label Types are:

Label Type	Description
Pot	A label that can be attached to the pot.
Pan	A label that can be attached to the pan (Dutch: fust, doos).
Trolley	A label that can be attached to the trolley.

Customer and supplier need to agree on their labelling charge rates before the customer can order labels and related services at the supplier. An example of a charge specification is given in the table below:

Example of a charge specification

Label Type	Charge Types		
	Label (per piece)	Handling (per piece)	Printing (per piece)
Pot	€	€	€
Pan	€	€	€
Trolley	€	€	€

The charge for printing is always applied in case a customer orders a label. In case the customer does not order the attaching of labels, the labels are provided separately with the product.

3.3 Business Rules

#	Business Rule	Description
1.1	Ordering	The product price as provided in the order is a net price i.e. it includes the label price and/or related services as specified by VBN product characteristics.
1.2	Ordering	Customer and supplier need to agree on the charge rates for labeling before a customer starts ordering labels and related services at the supplier. Charge rates are based on the Charge Type and on the Label type as specified in chapter 3.2. Storing agreed rates in the database of the customer is required. This allows a customer to calculate the gross prices i.e. product prices without the label and related services.
1.3	Ordering	Charge rates for labeling are specified per label (piece). It should always be possible for the customer to calculate the purchase of a single product with or without label or label services. To define the gross price in case a pan and/or trolley label is ordered, the customer needs to divide all pan and/or trolley charges, stored in his database, by the amount of pieces per pan and/or trolley.
1.4	Ordering	The charge for printing is always applied in case a customer orders a label.
1.5	Printing	In order to support the order picking process at the supplier's site, the customer should put an order reference in the right-hand corner of the label.
1.6	Label	The pot label dimension of 35 x 40 mm is used for a pot size smaller than 8.5 cm. If agreed mutually a dimension of 40 x 50 mm may be used for a pot size larger than 8.5 cm.

3.4 EOS messages

By using the VBN product characteristics the customer or supplier can indicate that label(s) and/or label services are included with the product and its price. If a customer does not want any other option and/or label service, its price can be regarded as a net price.

3.4.1 Quotes message

Label and/or label services could have been specified in a Quotes message (see also §3.7 and 3.8). Although a supplier could specify label and/or label services by using sub lines, this is not recommended because the EDIFACT ORDERS does not support sub lines. Therefore a supplier should use the VBN product characteristics as specified in this document.

3.4.2 Order message

If a supplier does not specify label and/or label services VBN product characteristics in a Quotes message, the customer may specify these VBN product characteristics in the Order message (after adding label charges to the product price according to previous agreed charge rates).

3.5 Default scenario

3.5.1 Customer produces PDF label. Supplier supplies/prints/attaches label

The product price includes a label, including printing services (according to customer's specifications/layout) and attaching of the label.

#	Pot label	Attach
1	S76 002 (includes printing services)	L20 001
	Pan label	Attach
1	L18 002 (includes printing services)	L21 001
	Trolley label	Attach
1	L19 002 (includes printing services)	L22 001

3.6 Alternative scenarios

3.6.1 Customer supplies (physical) label. Supplier: attaches/prints on label

The product price includes attaching the label, supplied by the customer. If also printing services of the supplied label applies use #3.

#	Attach pot label
2	L20 001
3	L20 999 (includes printing services)
	Attach pan label
2	L21 001
3	L21 999 (includes printing services)
	Attach trolley label
2	L22 001
3	L22 999 (includes printing services)

3.6.2 Supplier attaches supplier's (physical) label/prints on label

The product price includes a label, according to supplier's specifications/layout. If attaching of the label applies use #4. Printing services includes printing such as a price, order number but not layouts aspects such as a customer or customer's client logo etc.

#	Pot label	Attach
4	S76 001 (includes printing services)	L20 001
5	S76 001 (includes printing services)	
	Pan label	Attach
4	L18 001 (includes printing services)	L21 001
5	L18 001 (includes printing services)	
	Trolley label	Attach
4	L19 001 (includes printing services)	L22 001

3.6.3 Customer produces PDF label. Supplier supplies label

The product price includes a label, including printing services, according to customer's specifications/layout.

#	Pot label
6	S76 002 (includes printing services)
#	Pan label
6	L18 002 (includes printing services)
6	L19 002 (includes printing services)

3.7 Processing Order messages

3.7.1 Creating an EOS order including label and/or label services by the customer

1. The customer may ask the supplier to create and send an (selective) offer including label and/or label services specified as VBN product characteristics.
2. It is recommended that the customer creates and sends an order based on an (selective) offer. If not, the customer will add label charges himself, as previously agreed, to the product gross price and will specify label and/or label services specified as VBN product characteristics.
3. It is expected that the supplier will accept an order based on the (selective) offer. If not based on an (selective) offer, the supplier will calculate the gross product price if label and/or label services are specified as product characteristics. The calculation is based on the charges previously agreed. If the expected gross price differs from the calculated one, the supplier may reject or change the product price in the order response.
4. Although the customer may produce a PDF label or label contentdata after creating an order containing label and/or label services, though it is expected to do so after receiving an (accepted) order response.
5. The customer's system will deliver a PDF label or label contentdata after receiving a Label Request message from the supplier.

3.7.2 Receiving an EOS order including label and/or label services by the supplier

1. The received order may refer to an (selective) offer including label and/or label services as specified as VBN product characteristics.
2. When a label or label service VBN product characteristic are specified, the ordered product must be provided with a label as specified.
3. In case only label services product characteristics are specified, the label itself will be delivered by the customer.
4. The label charges are included in the product price if label and/or label services product characteristics are specified. The supplier will check if the appropriated charges are included in the product price according to previous agreed charges.
5. A specified 'customer label' product characteristic means that the ordered product will be provided with a label according to the customer's specifications/layout and label content provided by the customer, the content can be retrieved by the use of the Label Request message.
6. A specified 'supplier label' product characteristic means that the ordered product will be provided according to the supplier's specifications/layout. The content of the label will be provided by the customer as label contentdata, which can be retrieved through the use of the Label Request message.
7. After accepting the order, the supplier can retrieve the label information from the customer's system. The Label Request message will be used for this purpose. The moment of retrieving label information from the customer's system may vary. Some suppliers may request the customer's system for available label information regularly; other suppliers will retrieve the label information only after acceptance

of the order. Remember, it may take some minutes before the customer's system has produced the PDF label(s) or label data so a fixed number of build in retry's is recommended.

8. Depending on the software construction, the supplier may open a list of labels retrieved from the customer's system along with relevant order information or may open a list of customer's orders containing attached label information.

4. Message Guides

4.1 Get Labels By Supplier

#			Format	Functional
1	LabelsRequest	M		The Labels Request element contains the envelope and the payload to request a label or collection of labels (LabelLineItem).
2	Header	M		Envelope of the message.
3	MessageID	M	N13	Unique ID of the message used for tracking and tracing purposes.
4	MessageDateTime	M	AN..35	Creation date and time of this message (YYYY-MM-DDTHH:MM:SS.szzzzz).
5	MessageSerial	C	N13	Sequence number of this message, raised in case the message is resend
6	Body	M		Payload of the Labels request message.
7	LabelsRequestDetails	M		The Labels Request Details element contains the request for a label or collection of labels (LabelLineItem).
8	SupplierParty	M		Supplier (often the grower). The company that owns and supplies the product (cut flower, indoor plant or garden plant).
9	PrimaryID	M	N13	GLN company code (supplier)
10	schemeID	M	AN..35	"1"
11	schemeAgencyName	M	AN..35	"FEC"
12	CustomerParty	M		Customer (Trader)
13	PrimaryID	M	N13	GLN company code
14	schemeID	M	AN..35	"1"
15	schemeAgencyName	M	AN..35	"FEC"

4.2 Get Labels By Order

#			Format	Functional
1	LabelsRequest	M		The Labels Request element contains the envelope and the payload to request a label or collection of labels (LabelLineItem).
2	Header	M		Envelope of the message.
3	MessageID	M	N13	Unique ID of the message used for tracking and tracing purposes.
4	MessageDateTime	M	AN..35	Creation date and time of this message (YYYY-MM-DDTHH:MM:SS.szzzzz).
5	MessageSerial	C	N13	Sequence number of this message, raised in case the message is resend
6	Body	M		Payload of the Labels request message.
7	LabelsRequestDetails	M		The Labels Request Details element contains the request for a label or collection of labels (LabelLineItem).
8	SupplierParty	M		Supplier (often the grower). The company that owns and supplies the

					product (cut flower, indoor plant or garden plant).
9		PrimaryID	M	N13	GLN company code
10		schemeID	M	AN..35	"1"
11		schemeAgencyName	M	AN..35	"FEC"
12		CustomerParty	M		Customer (trader)
13		PrimaryID	M	N13	GLN company code
14		schemeID	M	AN..35	"1"
15		schemeAgencyName	M	AN..35	"FEC"
16		LabelLineItem	C		Details for a label and child labels that should be produced ones or more times.
17		ID	M	AN..26	Label Line Item ID. The unique identification of this label request.
18		schemeName	M	AN..3	Reference type "LRN"
19		schemeDataURI	M	N13	GLN company code source, owner ID
20		schemeURI	M	N13	GLN company code source, issuer ID
21		LineDateTime	M	AN..35	Label Line Item creation date/time (YYYY-MM-DDTHH:MM:SS.szzzzz)
22		ReferencedDocument	C		Reference to the Order (line)
23		IssuerAssignedID	M	AN..26	Order ID
24		schemeName	M	AN..3	"ON"
25		schemeDataURI	C	N13	GLN company code source, owner ID
26		schemeURI	C	N13	GLN company code source, issuer ID
27		TypeCode	C	AN..3	Document type

4.3 Get Labels By ID

#			Format	Functional
1	LabelsRequest	M		The Labels Request element contains the envelope and the payload to request a label or collection of labels (LabelLineItem).
2	Header	M		Envelope of the message.
3	MessageID	M	N13	Unique ID of the message used for tracking and tracing purposes.
4	MessageDateTime	M	AN..35	Creation date and time of this message (YYYY-MM-DDTHH:MM:SS.szzzzz).
5	MessageSerial	C	N13	Sequence number of this message, raised in case the message is resend
6	Body	M		Payload of the Labels request message.
7	LabelsRequestDetails	M		The Labels Request Details element contains the request for a label or collection of labels (LabelLineItem).
8	SupplierParty	M		Supplier (often the grower). The company that owns and supplies the product (cut flower, indoor plant or garden plant).
9	PrimaryID	M	N13	GLN company code
10	schemeID	M	AN..35	"1"
11	schemeAgencyName	M	AN..35	"FEC"
12	CustomerParty	M		Customer (trader)
13	PrimaryID	M	N13	GLN company code

14				schemeID	M	AN..35	"1"
15				schemeAgencyName	M	AN..35	"FEC"
16				LabelLineItem	C		Details for a label and child labels that should be produced ones or more times.
17				ID	M	AN..26	Label Line Item ID. The unique identification of this label request.
18				schemeName	M	AN..3	Reference type "LRN"
19				schemeDataURI	M	N13	GLN company code source, owner ID
20				schemeURI	M	N13	GLN company code source, issuer ID
21				LineDateTime	M	AN..35	Label Line Item creation date/time (YYYY-MM-DDTHH:MM:SS.szzzzz)
22				ReferencedDocument	C		Reference to the requested Label
23				IssuerAssignedID	M	AN..26	Referenced ID
24				schemeName	M	AN..3	"LRN"
25				schemeDataURI	C	N13	GLN company code source, owner ID
26				schemeURI	C	N13	GLN company code source, issuer ID
27				TypeCode	C	AN..3	Document type

4.4 Label Response

#			Format	Functional
1	LabelsResponse	M		The Labels Response element contains the body and the payload of a label or collection of labels (LabelLineItem).
2	Body	M		Payload of the Labels request message.
3	LabelsResponseDetails	M		Label details
4	SupplierParty	M		Supplier (often the grower). The company that owns and supplies the product (cut flower, indoor plant or garden plant).
5	PrimaryID	M	N13	GLN company code
6	schemeID	M	AN..35	"1"
7	schemeAgencyName	M	AN..35	"FEC"
8	CustomerParty	M		Customer (trader)
9	PrimaryID	M	N13	GLN company code
10	schemeID	M	AN..35	"1"
11	schemeAgencyName	M	AN..35	"FEC"
12	LabelLineItem	C		Details for a label and child labels that should be produced ones or more times.
13	ID	M	AN..26	Label Line Item ID. The unique identification of the label.
14	schemeName	M	AN..3	Reference type "LRN"
15	schemeDataURI	M	N13	GLN company code source, owner ID
16	schemeURI	M	N13	GLN company code source, issuer ID
17	LineDateTime	M	AN..35	Label Line Item creation date/time (YYYY-MM-DDTHH:MM:SS.szzzzz)
18	AdditionalInformationTradeNote	C		Additional information
	SubjectCode	M	AN..3	"AAI"
	Content	M	AN..70	Free text
	languageCode	M	AN..3	e.g. "NL" (default)
22	ReferencedDocument	C		Reference to the order (line)
23	IssuerAssignedID	M	AN..26	Order ID
24	schemeName	M	AN..3	"ON"

25				schemaDataURI	C	N13	GLN company code source, owner ID
26				schemeURI	C	N13	GLN company code source, issuer ID
27				TypeCode	C	AN..3	"220"
28				Product	C		Product
29				IndustryAssignedID	M	N..7	VBN product code
30				schemeID	M	AN..35	"1"
31				schemeAgencyName	M	AN..35	"VBN"
32				CustomerAssignedID	C	AN..35	Product ID customer
33				SupplierAssignedID	C	AN..35	Product ID supplier
34				ManufacturerAssignedID	C	AN..35	Product ID (GTIN article code)
35				DescriptionText	C	AN..70	Supplier product description (mandatory in case own description differs from standard VBN product description)
				languageCode	M	AN..3	"NL" (default)
37				TypeCode	M	AN3	"57" product, "67" log.means, "128" service, "152" hardware
38				AdditionalDescriptionText	C	AN..70	Product description (translation)
39				languageCode	M	AN..3	Language code
40				NetWeighth	C	N..9	Nett weight (max. 2 decimals)
41				unitCode	M	AN..3	E.g. unit: "KGM" = kilogram, etc
42				GrossWeighth	C	N..9	Gross weight (max. 2 decimals)
43				unitCode	M	AN..3	Unit: "KGM" = kilogram, etc
44				ProductGroupID	C	AN..35	Product group ID
45				schemeID	M	AN..35	"16"
46				schemeAgencyName	M	AN..35	"VBN"
47				ApplicableGoodsCharacteristics	C		Item characteristics
48				TypeCode	M	AN3	Characteristic type e.g. "S21"
49				listID	M	AN..35	"8"
50				listAgencyName	M	AN..35	"VBN"
51				DescriptionText	C	AN..70	Characteristic type text (e.g. translation)
52				languageCode	M	AN..3	Language code
53				ValueCode	C	AN..3	Characteristic value e.g. "060"
54				listID	M	AN..35	"9"
55				listAgencyName	M	AN..35	"VBN"
56				ValueText	C	AN..70	Characteristic value text (e.g. translation)
57				languageCode	M	AN..3	Language code
58				ManufacturerParty	C		Manufacturer (grower)
59				PrimaryID	M	N13	GLN company code
60				schemeID	M	AN..35	"1"
61				schemeAgencyName	M	AN..35	"FEC"
62				Name	C	AN..70	Company name
63				Placement	M	AN..3	001: The label is attached to the pot of the product. 002: The label is attached to the sleeve/cover of the product. 031: The label is provided with the container, bucket or tray, but is not attached to it. 003: The label is fixed to the small container (fust). 004: The label is attached to the layer of a trolley. 005: The label is attached to the transport unit (e.g. trolley or pallet).

						051: The label is provided with the transport unit (e.g. trolley or pallet), but is not attached to it. 006: The printed label is attached to a special device designed to hold the label (e.g. a stick). 011: The label is attached to the product.
64			Quantity	M	N..9	Amount of labels to print.
65			AttachedBinaryObject	C		The value of this element holds the raw PDF data (Base64 encoding). Only used when no URL (via attribute uri) is provided. Embedded PDF-data is only allowed in use case 3: GetLabelByID.
66			mimeCode	M	AN..35	"application/pdf"
			encodingCode	M	AN..35	"7" (UTF-8). This requires the XML-message also to be character encoded in UTF-8.
			uri	C	AN..1024	URL to the label in case the label application data is not embedded in the message
69			LabelMaterial	C		The label properties define the tangible (hardware) properties of the label
70			LinearDimension			Dimensions of the label
71			WidthMeasure	C	N..4	Width value
72			unitCode	M	AN..3	Unit: "CMT" = centimeter, etc
73			LengthMeasure	C	N..4	Length value
74			unitCode	M	AN..3	Unit: "CMT" = centimeter, etc
75			HeightMeasure	C	N..4	Height value
76			unitCode	M	AN..3	Unit: "CMT" = centimeter, etc
77			DiameterMeasure	C	N..4	Diameter value
78			unitCode	M	AN..3	Unit: "CMT" = centimeter, etc
79			SubordinateLabelLine	C		Recursive nesting of label line items e.g. a trolley label may contain 24 bucket labels that may contain 6 pot labels each. This element is not allowed in use case 3: GetLabelByID

5. Example XML messages

5.1 Use Case: Get Label By Supplier

5.1.1 Request

```
<lsm:LabelsRequest
xmlns:lsm="urn:fec:florecom:xml:data:draft:LabelsStandardMessage:7"
xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:3"
xmlns:feram="urn:fec:florecom:xml:data:draft:ReusableAggregateBusinessInformationEntity:5">
  <lsm:Header>
    <lsm:MessageID>1</lsm:MessageID>
    <lsm:MessageDateTime>2008-07-24T12:11:40</lsm:MessageDateTime>
    <lsm:MessageSerial>1</lsm:MessageSerial>
  </lsm:Header>
  <lsm:Body>
    <lsm:LabelsRequestDetails>
      <lsm:SupplierParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231206439</ram:PrimaryID>
      </lsm:SupplierParty>
      <lsm:CustomerParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231201878</ram:PrimaryID>
      </lsm:CustomerParty>
    </lsm:LabelsRequestDetails>
  </lsm:Body>
</lsm:LabelsRequest>
```

5.1.2 Response

```
<lsm:LabelsResponse
xmlns:lsm="urn:fec:florecom:xml:data:draft:LabelsStandardMessage:7"
xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:3"
xmlns:feram="urn:fec:florecom:xml:data:draft:ReusableAggregateBusinessInformationEntity:5">
  <lsm:Body>
    <lsm:LabelsResponseDetails>
```

```
<lsm:SupplierParty>
  <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231206439</ram:PrimaryID>
</lsm:SupplierParty>
<lsm:CustomerParty>
  <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231201878</ram:PrimaryID>
</lsm:CustomerParty>
<!--PAN/BOX LABEL-->
<lsm:LabelLineItem>
  <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">1</feram:ID>
  <feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
  <feram:AdditionalInformationTradeNote>
    <ram:SubjectCode>AAI</ram:SubjectCode>
    <ram:Content languageCode="NL">Graag eerst een proefdruk toesturen.</ram:Content>
  </feram:AdditionalInformationTradeNote>
  <feram:ReferencedDocument>
    <ram:IssuerAssignedID
      schemeName="ON"
      schemeDataURI="8714231201878"
      schemeURI="8714231201878">ORDER12345</ram:IssuerAssignedID>
  </feram:ReferencedDocument>
  <feram:Placement>003</feram:Placement><!--PAN/BOX LABEL-->
  <feram:Quantity>1</feram:Quantity>
  <feram:LabelMaterial>
    <feram:LinearDimension>
      <feram:WidthMeasure unitCode="MMT">40</feram:WidthMeasure>
      <feram:LengthMeasure unitCode="MMT">50</feram:LengthMeasure>
    </feram:LinearDimension>
  </feram:LabelMaterial>
  <!--INCLUDING 6 POT LABELS-->
  <feram:SubordinateLabelLine>
    <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">1</feram:ID>
```

```
<feram:DocumentStatusCode>37</feram:DocumentStatusCode>
<feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
<feram:Placement>001</feram:Placement>
<feram:Quantity>6</feram:Quantity>
<feram:LabelMaterial>
  <feram:LinearDimension>
    <feram:WidthMeasure unitCode="MMT">40</feram:WidthMeasure>
    <feram:LengthMeasure unitCode="MMT">50</feram:LengthMeasure>
  </feram:LinearDimension>
</feram:LabelMaterial>
</feram:SubordinateLabelLine>
</lsm:LabelLineItem>
</lsm:LabelsResponseDetails>
</lsm:Body>
</lsm:LabelsResponse>
```

Note: If available the customer will provide a reference to the order (line)

5.2 Use Case: Get Label By Order

5.2.1 Request

```
<lsm:LabelsRequest
  xmlns:lsm="urn:fec:florecom:xml:data:draft:LabelsStandardMessage:7"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:3"
  xmlns:feram="urn:fec:florecom:xml:data:draft:ReusableAggregateBusinessInformationEntity:5">
  <lsm:Header>
    <lsm:MessageID>2</lsm:MessageID>
    <lsm:MessageDateTime>2008-07-24T12:11:40</lsm:MessageDateTime>
  </lsm:Header>
  <lsm:Body>
    <lsm:LabelsRequestDetails>
      <lsm:SupplierParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231206439</ram:PrimaryID>
      </lsm:SupplierParty>
      <lsm:CustomerParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231201878</ram:PrimaryID>
      </lsm:CustomerParty>
      <lsm:LabelLineItem>
        <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">2</feram:ID>
        <feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
        <feram:ReferencedDocument>
          <ram:IssuerAssignedID
            schemeName="ON"
            schemeDataURI="8714231201878"
            schemeURI="8714231201878">ORDER12345</ram:IssuerAssignedID>
        </feram:ReferencedDocument>
      </lsm:LabelLineItem>
    </lsm:LabelsRequestDetails>
  </lsm:Body>
```

```
</lsm:LabelsRequest>
```

5.2.2 Response

```
<lsm:LabelsResponse
  xmlns:lsm="urn:fec:floecom:xml:data:draft:LabelsStandardMessage:7"
  xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:3"
  xmlns:feram="urn:fec:floecom:xml:data:draft:ReusableAggregateBusinessInformationEntity:5">
  <lsm:Body>
    <lsm:LabelsResponseDetails>
      <lsm:SupplierParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231206439</ram:PrimaryID>
      </lsm:SupplierParty>
      <lsm:CustomerParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231201878</ram:PrimaryID>
      </lsm:CustomerParty>
      <!--PAN/BOX LABEL-->
      <lsm:LabelLineItem>
        <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">1</feram:ID>
        <feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
        <feram:AdditionalInformationTradeNote>
          <ram:SubjectCode>AAI</ram:SubjectCode>
          <ram:Content languageCode="NL">Graag eerst een proefdruk toesturen.</ram:Content>
        </feram:AdditionalInformationTradeNote>
        <feram:ReferencedDocument>
          <ram:IssuerAssignedID
            schemeName="ON"
            schemeDataURI="8714231201878"
            schemeURI="8714231201878">ORDER12345</ram:IssuerAssignedID>
        </feram:ReferencedDocument>
        <feram:Placement>003</feram:Placement><!--PAN/BOX LABEL-->
        <feram:Quantity>1</feram:Quantity>
        <feram:LabelMaterial>
```

```
<feram:LinearDimension>
  <feram:WidthMeasure unitCode="MMT">40</feram:WidthMeasure>
  <feram:LengthMeasure unitCode="MMT">50</feram:LengthMeasure>
</feram:LinearDimension>
</feram:LabelMaterial>
<!--INCLUDING 6 POT LABELS-->
<feram:SubordinateLabelLine>
  <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">1</feram:ID>
  <feram:DocumentStatusCode>37</feram:DocumentStatusCode>
  <feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
  <feram:Placement>001</feram:Placement>
  <feram:Quantity>6</feram:Quantity>
  <feram:LabelMaterial>
    <feram:LinearDimension>
      <feram:WidthMeasure unitCode="MMT">40</feram:WidthMeasure>
      <feram:LengthMeasure unitCode="MMT">50</feram:LengthMeasure>
    </feram:LinearDimension>
  </feram:LabelMaterial>
</feram:SubordinateLabelLine>
</lsm:LabelLineItem>
</lsm:LabelsResponseDetails>
</lsm:Body>
</lsm:LabelsResponse>
```

5.3 Use Case: Get Label By ID

5.3.1 Request

```

<lsm:LabelsRequest
  xmlns:lsm="urn:fec:florecom:xml:data:draft:LabelsStandardMessage:7"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:3"
  xmlns:feram="urn:fec:florecom:xml:data:draft:ReusableAggregateBusinessInformationEntity:5">
  <lsm:Header>
    <lsm:MessageID>3</lsm:MessageID>
    <lsm:MessageDateTime>2008-07-24T12:11:40</lsm:MessageDateTime>
  </lsm:Header>
  <lsm:Body>
    <lsm:LabelsRequestDetails>
      <lsm:SupplierParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231206439</ram:PrimaryID>
      </lsm:SupplierParty>
      <lsm:CustomerParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231201878</ram:PrimaryID>
      </lsm:CustomerParty>
      <lsm:LabelLineItem>
        <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">2</feram:ID>
        <feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
        <feram:ReferencedDocument>
          <!--REFERENCE TO THE LABEL:
            schemeName: Referentietype (LRN=Label Reference Number)
            schemeDataURI: Owner of the label ID (8714231201878=JavadoPlant BV)
            schemeURI: Publisher of the Label ID (8714231201878=JavadoPlant BV)
          -->
        <ram:IssuerAssignedID
          schemeName="LRN"
          schemeDataURI="8714231201878"

```

```

        schemeURI="8714231201878">P0801379</ram:IssuerAssignedID>
    </feram:ReferencedDocument>
</lsm:LabelLineItem>
</lsm:LabelsRequestDetails>
</lsm:Body>
</lsm:LabelsRequest>

```

5.3.2 Response

```

<lsm:LabelsResponse
  xmlns:lsm="urn:fec:floecom:xml:data:draft:LabelsStandardMessage:7"
  xmlns:ram="urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:3"
  xmlns:feram="urn:fec:floecom:xml:data:draft:ReusableAggregateBusinessInformationEntity:5">
  <lsm:Body>
    <lsm:LabelsResponseDetails>
      <lsm:SupplierParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231206439</ram:PrimaryID>
      </lsm:SupplierParty>
      <lsm:CustomerParty>
        <ram:PrimaryID schemeID="1" schemeAgencyName="FEC">8714231201878</ram:PrimaryID>
      </lsm:CustomerParty>
      <!--PAN/BOX LABEL-->
      <lsm:LabelLineItem>
        <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">1</feram:ID>
        <feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
        <feram:AdditionalInformationTradeNote>
          <ram:SubjectCode>AAI</ram:SubjectCode>
          <ram:Content languageCode="NL">Graag eerst een proefdruk toesturen.</ram:Content>
        </feram:AdditionalInformationTradeNote>
        <feram:Placement>003</feram:Placement><!--PAN/BOX LABEL-->
        <feram:Quantity>1</feram:Quantity>
        <feram:AttachedBinaryObject
          mimeType="application/pdf"

```

```
    encodingCode="7"
    fileName="test.pdf">/9j/4AAQS..ETC..AAD/2Q==</feram:AttachedBinaryObject>
<feram:LabelMaterial>
  <feram:LinearDimension>
    <feram:WidthMeasure unitCode="MMT">40</feram:WidthMeasure>
    <feram:LengthMeasure unitCode="MMT">50</feram:LengthMeasure>
  </feram:LinearDimension>
</feram:LabelMaterial>
<!--INCLUDING 6 POT LABELS-->
<feram:SubordinateLabelLine>
  <feram:ID schemeName="LRN" schemeDataURI="8714231201878"
schemeURI="8714231201878">1</feram:ID>
  <feram:DocumentStatusCode>37</feram:DocumentStatusCode>
  <feram:LineDateTime>2008-07-24T12:11:40</feram:LineDateTime>
  <feram:Placement>001</feram:Placement>
  <feram:Quantity>6</feram:Quantity>
  <feram:AttachedBinaryObject
mimeCode="application/pdf"
encodingCode="7"
fileName="test.pdf">/9j/4AAQS..ETC..AAD/2Q==</feram:AttachedBinaryObject>
  <feram:LabelMaterial>
    <feram:LinearDimension>
      <feram:WidthMeasure unitCode="MMT">40</feram:WidthMeasure>
      <feram:LengthMeasure unitCode="MMT">50</feram:LengthMeasure>
    </feram:LinearDimension>
  </feram:LabelMaterial>
</feram:SubordinateLabelLine>
</lsm:LabelLineItem>
</lsm:LabelsResponseDetails>
</lsm:Body>
</lsm:LabelsResponse>
```